Amendments to the Claims

This listing of claims will replace all prior version, and listings, of claims in the application.

1.   (Currently Amended) A method for enabling pre-downloads of network objects by a web client, comprising steps of: including

   receiving a request including a variable for a network object web page, said request including at least one variable;

   normalizing the said request by removing the variable and replacing the variable with a placeholder value;

   determining a prediction of a future network object likely to be requested by the web client in the form of a hint web page in response to a result of said normalizing; and

   de-normalizing the hint by substituting in the variable removed from the request into a URL for the hint said prediction.

2.   (Currently Amended) The [A] method of as in claim 1 further comprising a step of attaching the hint URL to the requested network object to form a response, including identifying said variable.

3.   (Currently Amended) The [A] method of as in claim 2 further comprising a step of sending the response over a communication network to the web client, including generating a form of said request having a replacement for said variable.

4.   (Currently Amended) The [A] method of as in claim 1 wherein the determining step comprises accessing a Web-site graph, including referring to a data structure including at least one normalized request.

5.	(Currently Amended) The [A] method of as in claim 4 further comprising a step of updating the Web-site graph with predictive statistics regarding network objects, wherein said referring to includes receiving a prediction of said future web page in response to said data structure and said result of said normalizing.

6.	(original) The [A] method of as in claim 1 further comprising a step of , including serving the hint URL to the at least a portion of said future web page to a client associated with the said request.

7.	(Currently Amended) The [A] method of as in claim 1 [6,] wherein the network object comprises one of: said portion includes an embedded object associated with a said future web page and a web page.

8.	(Currently Amended) A system for enabling pre-downloads of network objects by a web client, comprising including:

   a URL identification element that receives means for receiving a request including a variable for a network object web page, said request including at least one variable;

   a normalization element configured to normalize the means for normalizing said request by removing the variable and replacing the variable with a placeholder value;

   a prediction element configured to determine means for determining a prediction of a future network object likely to be requested by the web client in the form of a hint web page in response to a result of said normalizing; and

   a de-normalization element configured to de-normalize the hint by substituting in the variable removed from the request into a URL for the hint means for de-normalizing said prediction.

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9.   (Currently Amended) The [A] system of [as in] claim 8 further comprising a hint attachment element configured to attach the hint URL to the requested network object to form a response, including means for identifying said variable.

10.   (Currently Amended) The [A] system of [as in] claim 9 wherein the hint attachment element is configured to send the response over a communication network to the web client, including means for generating a form of said request having a replacement for said variable.

11.   (Currently Amended) The [A] system of [as in] claim 8 wherein the prediction element is configured to access a Web-site graph, including means for referring to a data structure including at least one normalized request.

12.   (Currently Amended) The [A] system of [as in] claim 11 further comprising a predictive statistics server configured to update the Web-site graph with predictive statistics regarding network objects, wherein said means for referring to includes means for receiving a prediction of said future web page in response to said data structure and said result of said normalizing.

13.   (Currently Amended) The [A] system of [as in] claim 8 further comprising a web server configured to serve the hint URL to the , including means for serving at least a portion of said future web page to a client associated with the said request.

14.   (Currently Amended) The [A] system of [as in] claim 8 [13,] wherein the network object comprises one of: said portion includes an embedded object associated with a said future web page and a web page.

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15.   (Currently Amended) A memory storing information including instructions~~, said instructions~~ interpretable by a processor for application to a request for a <u>network object to enable pre-downloads of network objects, the</u> ~~web page, said~~ request including <u>a</u> ~~at least one~~ variable~~ datum~~, the instructions <u>comprising</u> ~~including~~:

   normalizing <u>the</u> ~~said~~ request <u>by removing the variable and replacing the variable with a placeholder value</u>;

   determining a prediction of a future <u>network object likely to be requested in the form of a hint</u> ~~web page in response to a result of said normalizing~~; and

   de-normalizing <u>the hint by substituting in the variable removed from the request into a URL for the hint</u> ~~said prediction~~.

16.   (Currently Amended) <u>The</u> [A] memory <u>of</u> ~~as in~~ claim 15[,] wherein <u>the instructions further comprise attaching the hint URL to the requested network object to form a response</u> ~~said memory includes at least one of: an electromagnetic storage medium, a mass storage medium, an optical storage medium, a random access memory, a read only memory, a removable storage medium~~.

17.   (Currently Amended) <u>The</u> [A] memory <u>of claim 15 further</u> storing information including a <u>web-site graph</u> ~~data structure, said data structure~~ interpretable by a processor for application to a request for <u>the network object, the Web-site graph comprising</u> ~~a web page, said request including at least one variable datum, the data structure including:~~ a directed graph of <u>nodes</u> ~~indicators~~, each <u>node</u> ~~said indicator~~ referring to a <u>network object</u> ~~set of web pages, at least one said indicator including a normalized request~~.

18.   (Currently Amended) <u>The</u> [A] memory <u>of</u> ~~as in~~ claim 17[,] wherein <u>the Web-site graph</u> ~~said data structure~~ includes a <u>predictive</u> statistic associated with at least one <u>node that has</u> ~~edge in said directed graph, said statistic having~~ predictive value regarding future <u>network objects</u> ~~web pages~~ to be requested.

19.   (Currently Amended) The [A] memory of as in claim 15 [17,] wherein the
      instructions further comprise serving the hint URL to a web client associated with
      the request said memory includes at least one of: an electromagnetic storage
      medium, a mass storage medium, an optical storage medium, a random access
      memory, a read only memory, a removable storage medium.